

AMENDMENTS TO THE CLAIMS

A complete listing of all claims in the application is provided below with the requested amendments marked.

1. (currently amended) Wheel set guidance assembly for connecting a wheel set bearing of a wheel set to a bogie frame, comprising individual vertical, lateral and longitudinal guidance elements for independent guidance of the movement of the wheel set in vertical, lateral and longitudinal directions wherein the stiffness of each guidance element can be selected independently of the other guidance elements, and wherein the longitudinal guidance element is a longitudinally arranged wheel set linkage bar for connecting the bogie frame and a wheel set bearing flexibly to allow guidance of a turning movement of the wheel set on curved tracks wher cin the vertical guidance element is at least one vertically arranged coil spring connecting the wheel set bearing and the bogie frame and wherein the coil spring is combined with the lateral guidance element comprising a spring element of anisotropic stiffness positioned below, in or above the coil spring and engaging a guidance pin positioned inside the coil spring.
2. (original) Wheel set guidance assembly according to claim 1, wherein the longitudinal linkage bar has a length extending towards a centre bogie console in the longitudinal centre position of the bogie frame.
3. (original) Wheel set guidance assembly according to claim 2, wherein the wheel set linkage bar is connected to a longitudinal inward position of the wheel set bearing with a flexible coupling.
4. (original) Wheel set guidance assembly according to claim 3, wherein the wheel set linkage bar is flexibly connected at approximately a height of a wheel set axle and extends essentially horizontally to flexibly connect to the center bogie console.
5. (original) Wheel set guidance assembly according to claim 1, wherein the lateral guidance element is a spring element of anisotropic stiffness engaging a guidance pin.

6. (original) Wheel set guidance assembly according to claim 5, wherein the stiffness of the spring element in the lateral direction is higher than the stiffness in the longitudinal and vertical directions.

7. (original) Wheel set guidance assembly according to claim 6, wherein the spring element comprises rubber-metal elements arranged in lateral direction only.

8. (original) Wheel set guidance assembly according to claim 5, wherein the guidance pin is rigidly mounted in the bogie frame protruding in the spring element rigidly mounted on the wheel set bearing.

9. (original) Wheel set guidance assembly according to claim 5, wherein the guidance pin is rigidly mounted on the wheel set bearing protruding in the spring element rigidly mounted in the bogie frame.

10. (canceled)

11. (currently amended) Wheel set guidance assembly according to claim 401, having two coil springs on each side in longitudinal direction of the wheel set bearing and arranged adjacent to a wheel set axle position.

12. (canceled)

13. (canceled)

14. (currently amended) A bogie comprising a wheel set guidance assembly for connecting a wheel set bearing of a wheel set to a bogie frame, comprising individual vertical, lateral and longitudinal guidance elements for independent guidance of the movement of the wheel set in vertical, lateral and longitudinal directions wherein the stiffness of each guidance element can be selected independently of the other guidance elements, and wherein the longitudinal guidance element is a longitudinally arranged wheel set linkage bar for connecting the bogie frame and a wheel set bearing flexibly to allow guidance of a turning movement of the wheel set on curved tracks as defined in claim 1.

15. (currently amended) The bogie according to claim 14 comprising two wheel sets both provided with a wheel set guidance assembly for connecting a wheel set bearing of a wheel set to a bogie frame, comprising individual vertical, lateral and longitudinal guidance elements for independent guidance of the movement of the wheel set in vertical, lateral and longitudinal directions wherein the stiffness of each guidance element can be selected independently of the other guidance elements, and wherein the longitudinal guidance element is a longitudinally arranged wheel set linkage bar for connecting the bogie frame and a wheel set bearing flexibly to allow guidance of a turning movement of the wheel set on curved tracks according to claim 1.

16. (canceled)

17. (canceled)

18. (canceled)

19. (currently amended) Wheel set guidance assembly for connecting a wheel set bearing of a wheel set to a bogie frame, comprising individual vertical, lateral and longitudinal guidance elements for independent guidance of the movement of the wheel set in vertical, lateral and longitudinal directions wherein the stiffness of each guidance element can be selected independently of the other guidance elements, and wherein the lateral guidance element is a spring element of anisotropic stiffness engaging a guidance pin and wherein the vertical guidance element is at least one vertically arranged coil spring and the guidance pin is positioned inside the coil spring.

20. (canceled)